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(71) Applicant (for all designated States except US):  
**FAGERDALA THIGER MARINE SYSTEMS AB**  
[SE/SE]; Box 92135, S-120 08 Stockholm (SE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **JÖNSSON, Sven**  
[SE/SE]; Birger Jarlsvägen 35, S-130 54 Dalarö (SE).

(74) Agent: **HAGSTRÖM, Hans, et al**; Bergenstrahle & Lind-  
vall AB, Box 17704, S-118 93 Stockholm (SE).

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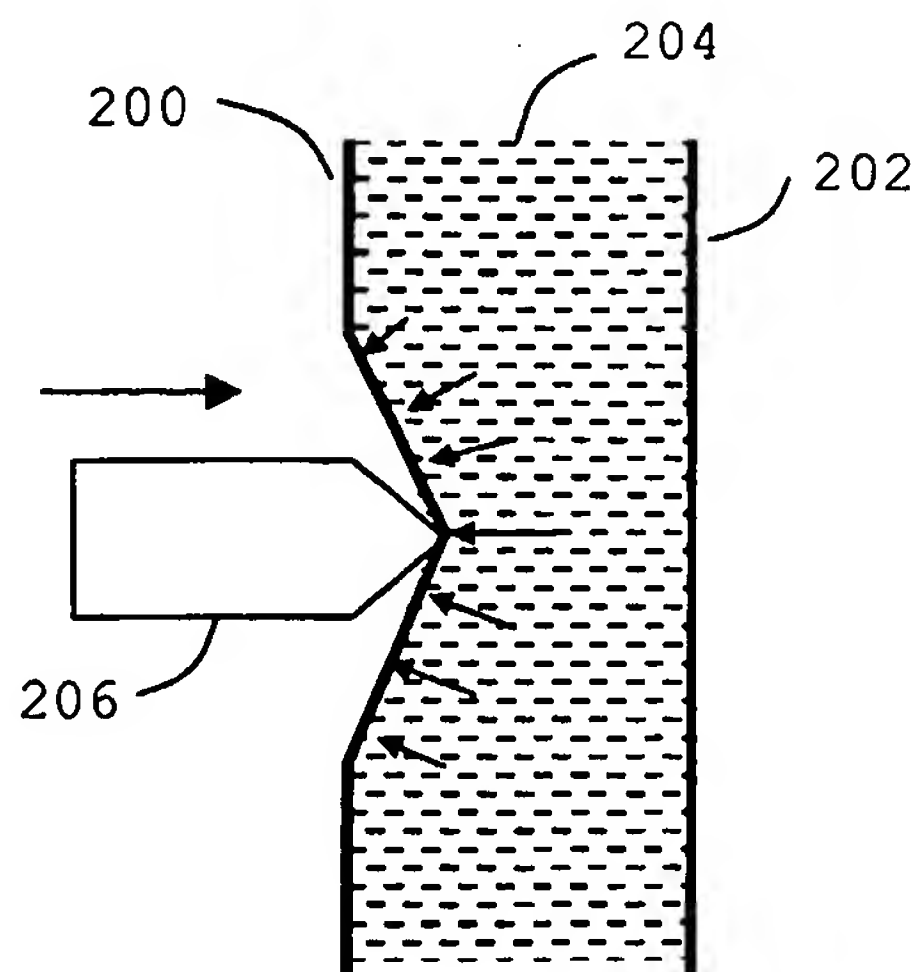
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(54) Title: A SHIP HULL AND METHOD OF MANUFACTURING SUCH A HULL



(57) Abstract: A ship hull, especially intended for oil and  
chemical ships, passenger ships, fishing ships, compris-  
ing a hull made of steel or aluminium built on a support-  
ing structure of frames, stringers and longitudinals, having  
improved buoyancy and energy absorbing capability, and a  
method of manufacturing such a ship. Between an outer  
hull (200) and an inner hull (202) a layer (204) of a cellular  
plastic material is applied having chiefly closed cells. The  
outer hull is made of a high strength steel, wherein at exter-  
nal strain the outer hull and the cellular plastic material are  
adapted to jointly constitute an energy absorbing deforma-  
tion zone.

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